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(74) Agents: **RICHARDT, Markus et al.**; Unter den Eichen 7,
65195 Wiesbaden (DE).

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(71) Applicant (*for all designated States except US*): **SAP AKTIENGESELLSCHAFT** [DE/DE]; Neurottstrasse 16, 69190 Walldorf (DE).

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(72) Inventors; and

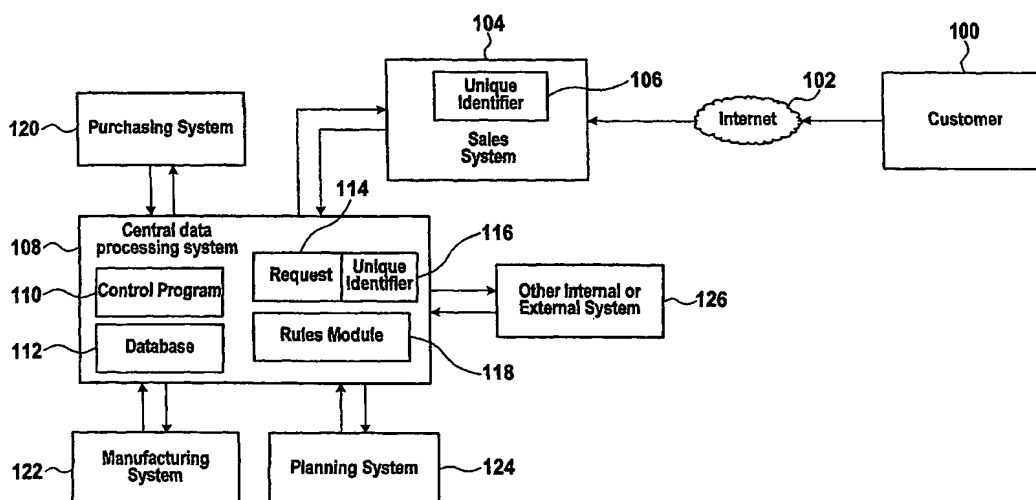
(75) Inventors/Applicants (*for US only*): **HANS-ULRICH, V., Helmolt** [DE/DE]; Rohrbacher Strasse 195, 69126 Heidelberg (DE). **MICHAEL, Picht** [DE/DE]; Matthias-Grünewald-Strasse 5, 69190 Walldorf (DE). **VOLKER, Jaeck** [DE/DE]; Hinter der Mühle 31, 69226 Nussloch (DE). **JÜRGEN, Seeburger** [DE/DE]; Silvanerweg 1, 69168 Wiesloch (DE).

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(54) Title: A DATA PROCESSING METHOD, SYSTEM AND COMPUTER PROGRAM



(57) Abstract: A system, method and computer program product are disclosed for data processing in a supply chain management utilizing a central data processing system which integrates a plurality of functionalities for partner and system determination, as well as availability checking. Upon receiving a request which includes a plurality of items from a customer, unique identifiers are generated and assigned relevant to the customer's items in response to the request. Each request is split into plurality of sub-requests where each subrequest is assigned to an internal or external system by means of the rules. In case a synchronous communication is used the dynamic combining of the sub-results is performed at runtime. In case an asynchronous communication is employed, the sub-responses are aggregated in a database until all sub-responses have been received. The amount of requested resources is adjusted in both cases based on the information received from the central data processing system.



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